

SPDT Switch DC-12.4GHZ
Fail-safe Type N female
High Power Type Option

RF SPEC.

* Power handling: VSWR=1.1, @25℃, sea level, cold switch
Other Frequency Power handling 900W@32-100MHZ
3000W@32-100MH 在(High Power)
** High Power Type Frequency Range:DC-6GHZ (Up 6GHZ ,Pls
contact to Factory)



Frequency Range		DC-500MHZ	0.5-1GHZ	1-2GHZ	2-3GHZ	3-6GHZ	6-12.4GHZ
VSWR		<1.05	<1.10	<1.15	<1.20	<1.35	<1.60
Insertion Loss		<0.08dB	<0.10dB	<0.15dB	<0.20dB	<0.40dB	<0.80dB
Isolation		>90dB	>85dB	>80dB	>80dB	>70dB	>60dB
Power Handling(CW)	Normal	400W	300W	240W	200W	150W	100W
	High Power**	1600W	1100W	750W	650W	450W	--

- . RF Impedance: 50 ohm
- . Operating Voltage: DC12V/300mA (DC24V/150mA) High Power:DC12V/480mA (DC24V/240mA)
- . Switching Time: <20ms
- . Life:>1000000cycles
- . Switching Sequence: Break Before Make
- . Operating Temperature: -40 ~ +85℃
- . RF Interface: N female

P/N SPEC.

Series	Control Voltage	Frequency Range	TTL Function	Indicator Function	Option Function
P/N: 1N2 1HN2	12 24 28 DC12V DC24V DC28V	0 0 6 12 DC-3GHZ DC-6GHZ DC-12GHZ	NO T TTL With TTL	NO I NO Indicator With Indicator	-V (Anti Vibration) -W (Splash)

1HN2 is High Power Type

P/N samples

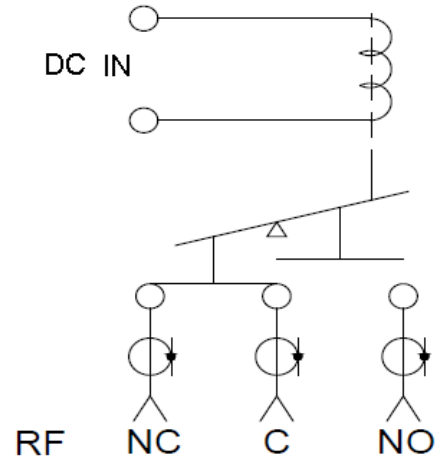
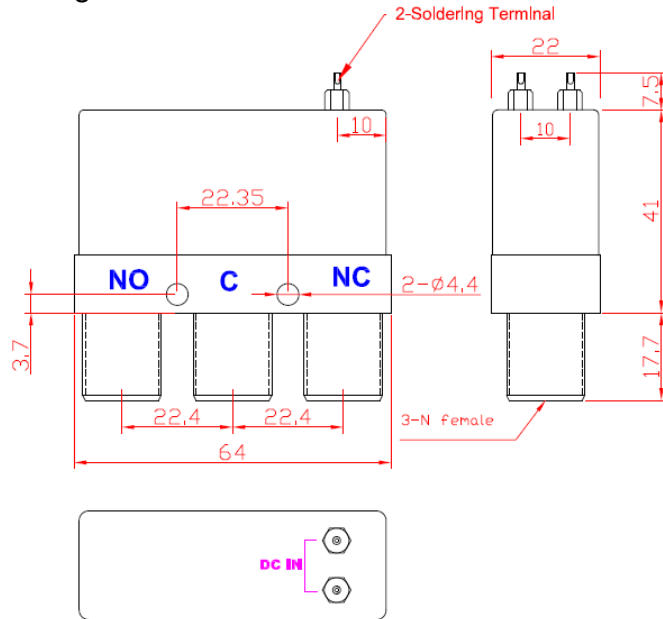
1N21203 (SPDT Failsafe Type/DC12V/DC-3GHZ/N female)

1N22406T-I (SPDT Failsafe Type/DC24V/DC-6GHZ/N female/With TTL Control/With Indicator)

1HN21206T-V (High Power SPDT Failsafe Type/DC12V/DC-6GHZ/N female/With TTL Control/Anti Vibration)

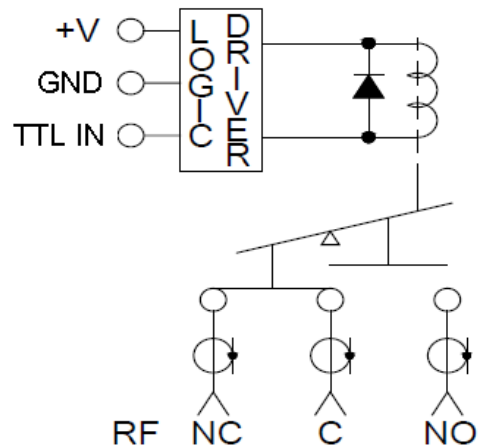
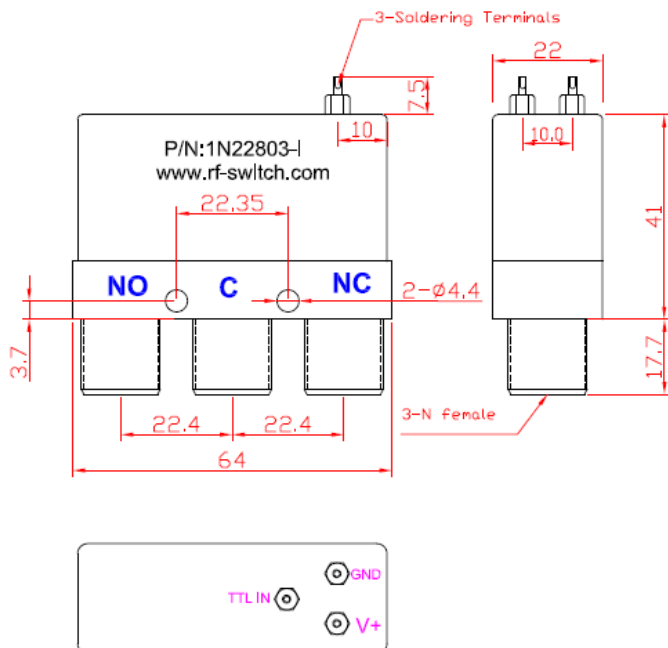
Outline Drawing & Schematic

Voltage Control



DC IN	C-NC	C-NO
DC=12V (or others)	OFF	ON
DC=0V	ON	OFF

With TTL Control



TTL IN	C-NC	C-NO
Logic "0" (0-0.8V)	ON	OFF
Logic "1" (2.5-5V)	OFF	ON

